Jack PC with US Frame

Jack PC with EU Frame

## Highlights

- **Zero space** Vanishing into the wall, measuring as small as the mains, and weighing as little as 350gm (12 oz).
- **Revolutionary** with its infra-structure LAN integration
- **Unique** with its Power-over-Ethernet cutting the need for external powering
- **Wireless** Extra capabilities rendered by the USB NIC wireless support
- **Secured** against viruses, worms, and requires no security patches
- **Flexible** able to run a range of applications from local printing, to various ICA/RDP/VDI and Terminal Emulation applications
- **Manageable** The Chip PC *Xcalibur Global* management software utilizing Active Directory (AD) tools and policies across an AD tree structure
- **Wide screen** Great display options with wide screen 16:9 support!
- **Accessible** with the latest client software and protocols
- **Modular Firmware** Custom Plug-Ins and firmware easily expanded to accommodate network and application requirements
- **Customized** Freely built to reflect corporate identity, including software screens
- **Power saver** 5W at full working mode

## EFI-6900

The EFI-6900 backed up by strong processing power and supporting up to 2 monitors offers a compact, revolutionary unit, dissolved into a wall or table surface and becomes an integral part of the sophisticated Smart Building technology.

EFI-6900 is economically equipped with a single DVI-I video output effortlessly supporting DVI-A/VGA and DVI-D monitors. This allows for a dual monitor support using Y-cable.

The EFI-6900 utilizes its inborn Power-over-Ethernet, LAN-integration capabilities to lead corporate network infrastructure into new realms.

## The Jack PC Thin Client Family

Chip PC has revolutionized the world of Thin Client with its Jack PC family. These Server-Centric Computing oriented units have shrunk and taken the size of wall mains. The devise works in Server-Centric computing architectures of Windows 2000/3 (Terminal Server Edition), CITRIX Metaframe / PS, or VMWare VDI utilizing the power of Smart Building technology. The Jack PC harnesses the building Power-over-Ethernet, LAN-integration capabilities to accomplish zero space, low power consumption, and highly managed units.

These wall-nested Thin Client units have never been more secure, powerful, and feature rich with Chip PC Jack PC family of products.

# EFI-6900 Hardware Specification Table

| | | | |
|---|---|---|---|
| CPU | AMD/RMI Au 1550, 500 MHz RISC (equivalent to 1.2 GHz x86 TC Processors) | | |
| Memory | 128 MB DDR | | |
| Mass Storage | ▪ 64 MB Disk-On-Chip with FFS | ▪ 10 years data retention | |
| Video Memory | 128-bit 3D graphics acceleration engine with separate 8 MB display memory SDRAM | | |
| Display support | 16M (24 bit) true color:<br>▪ 640x480 @ 85 Hz<br>▪ 800x480 @ 60 Hz<br>▪ 800x600 @ 85 Hz | ▪ 1024x768 @ 85 Hz<br>▪ 1280x768 @ 60 Hz<br>▪ 1280x1024 @ 75 Hz | 64K (16bit):<br>▪ 1360x768 /16BIT @ 60 Hz<br>▪ 1440x900 /16BIT @ 60 Hz<br>▪ 1680X1050 /16BIT @ 60 Hz<br>▪ 1600x1200/16BIT @ 60 Hz |
| Dual monitor support | Y cables enable the connection of dual DVI-I type video supporting up to 1024x768 pixels @ 64K (16bit) colors | | |
| Enhanced Display Support | Wide Screen 16:9 support | | |
| Wireless Support | Support for Wireless USB NIC | | |
| Input/Output | ▪ DVI-I type video<br>▪ 4 USB 2.0-compatible ports | ▪ PS/2 ports (optional, see Accessories)<br>▪ Serial ports (optional, see Accessories) | |
| Audio support | ▪ Audio Output - 3.5 mm (1/8 inch) Audio-Out Jack; full 16-bit Stereo<br>Audio Input - 3.5 mm (1/8 inch) Audio-In Jack | | |
| Network | ▪ 10/100 Fast Ethernet, twisted pair (RJ-45) | ▪ XG-705A Wireless LAN USB 2.0 Adapter, IEEE 802.11 b/g (optional, see Accessories) | |
| Power | ▪ Power-over-Ethernet IEEE 802.3 af<br>▪ Normal power consumption: 5W | ▪ Voltage range: 48 VDC nominal 36-56 VDC<br>▪ External wall-mount power supply input 5VDC, 2.4A max, Universal 90 – 240V AC 50-60 Hz input (to be supplied by Chip PC if external powering is required) | |
| Physical Characteristics | Dimensions:<br>Jack PC with EU/UK Frame:<br>▪ 8.60cm/3.44 inch (Width);<br>▪ 8.60cm/3.44 inch (Height);<br>▪ 3.95cm/1.58 inch (Depth) | Jack PC with US Frame:<br>▪ 6.96cm/2.78 inch (Width);<br>▪ 11.40cm/4.56 inch (Height);<br>▪ 3.95cm/1.58 inch (Depth) | Device weight (with frame): 350 gr [12 oz]<br>Shipping weight:<br>▪ Single pack without power supply - 0.42 Kg [0.93 lbs]<br>▪ Single pack with power supply - 0.57 Kg [1.26 lbs] |
| Enclosure Color | ▪ White (default) | | |
| Environmental | Temperature range:<br>▪ Operating: 32ºF to 104ºF (0ºC to 40ºC)<br>▪ Storage: 32ºF to 140ºF (0ºC to 60ºC) | ▪ Humidity: Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing<br>▪ Altitude: 0 to 20,000 ft | |
| Regulatory Compliance | ▪ Safety: UL 1950, cUL,(EN60 950)<br>▪ EMI/EMC: FCC Class B, CE Mark, EN55022B, VCCI | ▪ NEMA-WD6 and ANSI-compliant building standards for easy installation in wall cut outs | |
| Accessories | Visit our site at www.chippc.com for an updated list | | |
| Warranty | 1 year automatic Warranty, additional 2 years pending on product registration | | |
| Default Packaging Option: | Shipped with:<br>• Jack PC device (model EFI6900).<br>• IDC Krone Termination Connector Block for New LAN Installation<br>• Metal Housing<br>• Lower Cardboard Template for marking wall cutout in New Installation<br>• Extraction Tool to remove device after it was installed<br>• Warranty Registration Card<br>To be Purchased separately:<br>• RJ-45 Termination Connector Block to install Jack PC into an existing LAN jack. Chip PC part number: CPN02164<br>• External power supply when the device is to powered externally, no Power-over-Ethernet is available | | |

# Firmware Specifications Table

Chip PC unique Thin Client Operating System architecture provides a fast, secure, customizable and manageable Operating System fully abled to connect to any type of Terminal/Citrix/Legacy/Virtualization server

| | |
|---|---|
| Operating system | Enhanced Microsoft Windows CE |
| Integrated Applications/Clients | • ICA<br>• RDP<br>• Internet Explorer<br>• VDI<br>• Media Player (model pending)<br>• VPN Client<br>• VNC<br>These Clients are modular and can be added/removed as plug ins to save memory and have only needed applications available on the device |
| Server OS Compatibility | • Citrix WinFrame, MetaFrame, and Presentation Server<br>• Microsoft Windows Server 2000/2003<br>• Microsoft Windows NT 4.0 – Terminal Server Edition |
| Setup and Configuration | • Configuration is policy-based (stored locally and on server)<br>• Multi-session support<br>• Fully customizable PC-like Desktop Interface |
| Management | Full policy-based management with Active Directory integration.<br>100% remote manageability; upgrades, device configuration and Users & Groups -based management |
| Security – 100% immunity to malicious code | Full immunity to viruses, Trojans and worms. No malicious code can run on the device |
| Security - General | • Locked-down desktop that can be changed only by administrator<br>• Security policy applied from central server<br>• User cannot change settings |
| Security - USB Blocking | Full or partial USB blocking as required. The USB ports can be enabled, disabled for all or specified USB devices such as Disk-on-Key, CDRom, Floppy, and more |
| User Authentication Mode | Provide User-based security and configuration settings. Each user will get unique thin Client configuration and permissions according to its Group membership in the Active Directory. |
| Smart Card Access | User cannot use the client unless Smart Card is inserted and proper PIN code is provided. Removal of the card will lock the device.<br>Devices are available with integrated smart card reader or supporting external USB smart card reader |
| Certificates | Import SSL certificates to the device for connecting to Citrix Secure gateway or Websites requiring SSL |
| Printers; Local and Network | Full support of both local and network printers:<br>LPD,LPR, SMB, LPT, USB, COM |
| Wireless Support | Support for Wireless USB NIC |
| Enhanced Display Support | Wide Screen 16:9 support, Dual monitor support |

## The Company

Since its inception, Chip PC has been a world Server-Centric-Computing technology leader. Chip PC, a privately held company, with branches in Europe and North America develops and manufactures, top notch, Thin Client technology, and management systems.

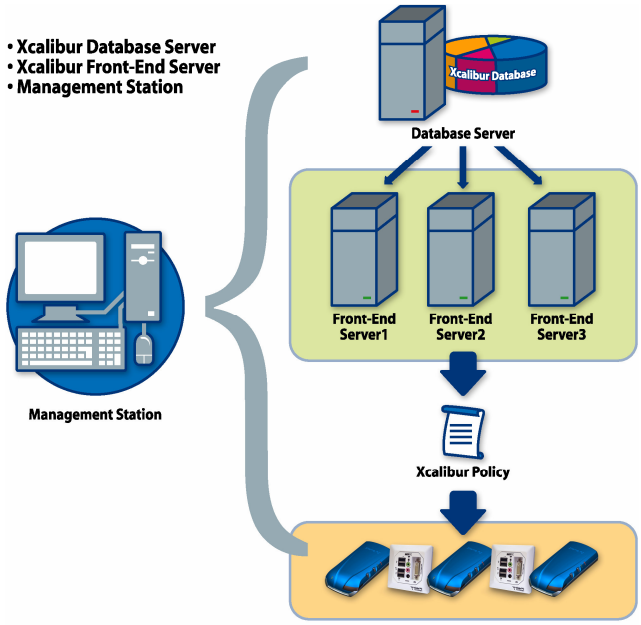
Chip PC team of dedicated researchers and developers have combined novel ideas with years of experience to yield an outstanding innovative family of thin client products.

With its award winning Xcalibur Global management system and innovative thin client units, Chip PC maintains a unique market position with its end-to-end solution.

## The End-to-End Solution

Chip PC is aimed at solving the thorny problem of combining intelligent Thin Client technology networking with sophisticated management and control. Chip PC's unique solution constructs a ground-up Thin Client network consisting of revolutionary infra-structure Jack PCs that fit into a niche the size of a wall-mains, through the NG Series state-of-the art, powerful, desktop units.

These server-centric computing, revolutionarily designed, units are orchestrated by Chip PC Xcalibur Global management system. The Xcalibur Global simulates an Active Directory environment and with an intelligent usage of its management principles of policies and tools offers a flexible management that easily applies down to the specific needs of every particular client unit.




- Monitor, Keyboard and Mouse (optional)
- Above features are supported in firmware image 6.5.4 & higher
- Xcalibur Global & Plug In licenses (optional)
- Specifications are subjected to change without prior notice

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